[redacted]

Class	Sub Class	ISSUE CLASSIFICATION
395	425	

JT

5442771

UTILITY SERIAL NUMBER	PATENT DAT	PATENT NUMBER
08/158033	AUG 15 1995	5442771

SERIAL NUMBER	FILING DATE	CLASS	SUBCLASS	GROUP ART UNIT	EXAMINER
08/158,033	11/26/93	395	425	~~2312~~ 2312	Robertson

APPLICANTS

ROBERT FILEPP, SPRINGFIELD, NJ; MICHAEL L. GORDON, DOBBS FERRY, NY; ALEXANDER W. BIDWELL, NEW YORK, NY; ALLAN M. WOLF, RIDGEFIELD, CT; FRANCIS C. YOUNG, PEARL RIVER, NY; DUANE TIEMANN, OSSINING, NY; KENNETH H. APPLEMAN, WHITE PLAINS, NY; SAM MEO, NEW YORK, NY.

CONTINUING DATA********
VERIFIED
THIS APPLN IS A DIV OF 07/388,156 07/28/89 NOW PAT 5347632
WHICH IS A CIP OF 07/328,790 03/23/89 ABN.
WHICH IS A CIP OF 07/219,931 07/15/88 ABN.

FOREIGN/PCT APPLICATIONS********
VERIFIED
NONE

FOREIGN FILING LICENSE GRANTED 12/21/93

Foreign priority claimed / 35 USC 119 conditions met / Verified and Acknowledged	Examiner's Initials	AS FILED	STATE OR COUNTRY	SHEETS DRWGS.	TOTAL CLAIMS	INDEP. CLAIMS	FILING FEE RECEIVED	ATTORNEY'S DOCKET NO.
☐ yes ☒ no / ☐ yes ☐ no		→	NJ	16	20	2	$710.00	PRD008

ADDRESS

PAUL C. SCIFO, Esq.
233 BROADWAY, SUITE 4703
NEW YORK, NY 10279

TITLE

METHOD FOR STORING DATA IN AN INTERACTIVE COMPUTER NETWORK

U.S. DEPT. of COMM.-Pat. & TM Office — PTO-436L (rev. 10-78)

PARTS OF APPLICATION FILED SEPARATELY

Applications Examiner

NOTICE OF ALLOWANCE MAILED	Assistant Examiner	CLAIMS ALLOWED: Total Claims	Print Claim
12-22-94		20	1

ISSUE FEE: Amount Due	Date Paid	DRAWING: Sheets Drwg.	Figs. Drwg.	Print Fig.
$1210.00	3-3-95	9	9	2

DAVID L. ROBERTSON
PATENT EXAMINER
GROUP 2300
Primary Examiner

ISSUE BATCH NUMBER 433

Label Area

PREPARED FOR ISSUE

WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

PTO-436A (8/92)

Staple Issue Slip Here

POSITION		ID NO.	DATE
CLASSIFIER		8	12.13-93
EXAMINER		277	12-15.
TYPIST		355	12 21-93
VERIFIER		277	12-21.
CORPS CORR.			
SPEC. HAND			
FILE MAINT.			
DRAFTING			

INDEX OF CLAIMS

Claim Final	Claim Original	Date						
1	1	01 94	11					
2	2							
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SYMBOLS

✓	Rejected
=	Allowed
- (Through numberal)	Canceled
+	Restricted
N	Non-elected
I	Interference
A	Appeal
O	Objected

Claim Final	Claim Original	Date						
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STAPLE AREA

☆U.S. GOVERNMENT PRINTING OFFICE: 1994—365-311

PATENT NUMBER

APPLICATION SERIAL NUMBER
08/148033

APPLICANT'S NAME (PLEASE PRINT)
Filepp et al.

IF REISSUE, ORIGINAL PATENT NUMBER

INTERNATIONAL CLASSIFICATION
G06F 13/14

ORIGINAL CLASSIFICATION

CLASS	SUBCLASS
395	~~425~~ 654

CROSS REFERENCE(S)

CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)			
395	497.02	487	154	200.08
395	600			

GROUP ART UNIT: 2312

ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)
David L. Robertson

PTO 270 (REV. 5-91)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ISSUE CLASSIFICATION SLIP

PTO-447A (REV 1-85)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

APPLICATION TRANSFER REQUEST

1 REQUEST DATE	2 SERIAL NO
1/12/94	08/158600

3 TO GROUP ART UNIT	4 EXAMINER (if known)	5 TRANSFER IS REQUESTED FROM CLASS	TO CLASS/SUB
2312			395/425

6 REASON(S) (give details where possible)
Memory management - "caches"

7 EXAMINER	8 GROUP ART UNIT
G Shu	2316

DISPOSITION OF APPLICATION BY RECEIVING GROUP ART UNIT

9 ☐ ACCEPTED ☐ NOT ACCEPTED ☐ FORWARDED TO THE FOLLOWING DOC DIV

BY (Examiner)

DATE

10 REASON(S)

DISPOSITION OF APPLICATION BY DOCUMENTATION

11 ☐ TRANSFER NOT APPROVED, RETURNED TO ORIGINATING GROUP ☐ TRANSFER APPROVED FORWARDED TO →

GROUP ART UNIT

CLASS/SUB

12 REASON(S) ☐ AS SET FORTH BY ORIGINATING GROUP ☐ OTHER

13 CLASSIFIER	14 DOCUMENTATION DIV	15 DATE	16 CONCURRING CLASSIFIER

BAR CODE LABEL

U.S. PATENT APPLICATION

SERIAL NUMBER	FILING DATE	CLASS	GROUP ART UNIT
08/158,033	11/26/93	395	2316

APPLICANT

ROBERT FILEPP, SPRINGFIELD, NJ; MICHAEL L. GORDON, DOBBS FERRY, NY; ALEXANDER W. BIDWELL, NEW YORK, NY; ALLAN M. WOLF, RIDGEFIELD, CT; FRANCIS C. YOUNG, PEARL RIVER, NY; DUANE TIEMANN, OSSINING, NY; KENNETH H. APPLEMAN, WHITE PLAINS, NY; SAM MEO, NEW YORK, NY.

CONTINUING DATA********
VERIFIED THIS APPLN IS A DIV OF 07/388,156 07/28/89
WHICH IS A CIP OF 07/328,790 03/23/89
WHICH IS A CIP OF 07/219,931 07/15/88

FOREIGN/PCT APPLICATIONS********
VERIFIED

FOREIGN FILING LICENSE GRANTED 12/21/93

STATE OR COUNTRY	SHEETS DRAWING	TOTAL CLAIMS	INDEPENDENT CLAIMS	FILING FEE RECEIVED	ATTORNEY DOCKET NO.
NJ	16	20	2	$710.00	PRD008

ADDRESS

PAUL C. SCIFO
233 BROADWAY, SUITE 4703
NEW YORK, NY 10279

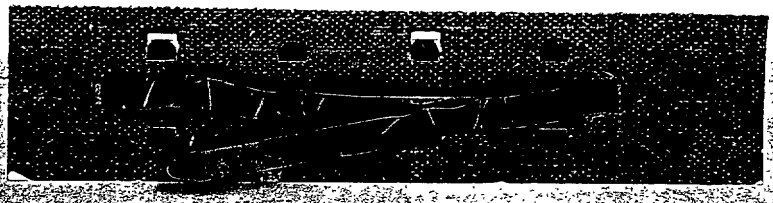
TITLE

METHOD FOR STORING DATA IN AN INTERACTIVE COMPUTER NETWORK

This is to certify that annexed hereto is a true copy from the records of the United States Patent and Trademark Office of the application which is identified above.

By authority of the
COMMISSIONER OF PATENTS AND TRADEMARKS

Date Certifying Officer



PTO UTILITY GRANT
Paper Number 9

The United States of America

The Commissioner of Patents and Trademarks

Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person or persons having title to this patent the right to exclude others from making, using or selling the invention throughout the United States of America for the term of seventeen years from the date of this patent, subject to the payment of maintenance fees as provided by law.

Bruce Lehman

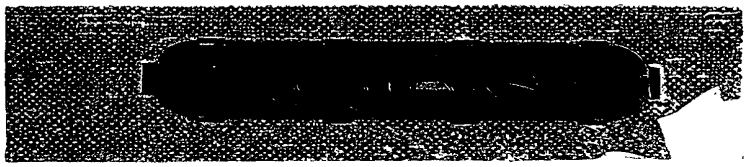
Commissioner of Patents and Trademarks

Attest

PTO-1584

FPI

(RIGHT INSIDE)



SEARCHED

Class	Sub.	Date	Exmr.
395	400 425	4/1/94	DV
update above		12/21/94	D

INTERFERENCE SEARCHED

Class	Sub.	Date	Exmr.
395	425	12/21/94	D

SEARCH NOTES

	Date	Exmr.
Consulted w/ Expl Boy re search in 355/325 - none indicated.		
APS search – see attached terms.		
Dialog search – see attached terms.		
STIC search – see attached printout.	4/1/94	DV

(RIGHT OUTSIDE)

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 1992

Application or Docket Number: 08158033

CLAIMS AS FILED - PART I

	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE	SMALL ENTITY FEE	OR	OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY FEE
FOR							
BASIC FEE				$355.00	OR		$710.00
TOTAL CLAIMS	20 minus 20 =	*	x$11=		OR	x$22=	
INDEPENDENT CLAIMS	2 minus 3 =	*	x 37=		OR	x 74=	
MULTIPLE DEPENDENT CLAIM PRESENT			+115=		OR	+230=	
			TOTAL		OR	TOTAL	710

* If the difference in column 1 is less then zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

AMENDMENT A

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE	SMALL ENTITY ADDITIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY ADDITIONAL FEE
Total	*	Minus	**	=	x$11=		OR	x$22=	
Independent	*	Minus	***	=	x 37=		OR	x 74=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM					+ 115=		OR	+230=	
					TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

AMENDMENT B

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE	SMALL ENTITY ADDITIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY ADDITIONAL FEE
Total	*	Minus	**	=	x$11=		OR	x$22=	
Independent	*	Minus	***	=	x 37=		OR	x 74=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM					+ 115=		OR	+ 230=	
					TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

AMENDMENT C

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE	SMALL ENTITY ADDITIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY ADDITIONAL FEE
Total	*	Minus	**	=	x$11=		OR	x$22=	
Independent	*	Minus	***	=	x 37=		OR	x 74=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM					+115=		OR	+230=	
					TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PTO 1130 (REV 11/91)

U.S. DEPARTMENT OF COMMERCE- PATENT & TRADEMARK OFFICE

PACE DATA ENTRY CODING SHEET

1ST EXAMINER	DATE
S. Ahmed	12-15-93
2ND EXAMINER	DATE

APPLICATION NUMBER	TYPE APPL	FILING DATE MONTH	DAY	YEAR	SPECIAL HANDLING	GROUP ART UNIT	CLASS	SHEETS OF DRAWING
08/158033	1	11	26	93	0	2316	395	016

TOTAL CLAIMS	INDEPENDENT CLAIMS	SMALL ENTITY?	FILING FEE	FOREIGN LICENSE	ATTORNEY DOCKET NUMBER
020	002	0	710	Y	PRD00 8

CONTINUITY DATA

CONTINUITY CODE	STATUS CODE	PARENT APPPLICATION SERIAL NUMBER	PARENT PATENT NUMBER	PARENT FILING DATE MONTH	DAY	YEAR
01	2	07388156		07	28	89
13	2	07328790		03	23	89
13	2	07219931		07	15	88
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		0				

PCT/FOREIGN APPLICATION DATA

FOREIGN PRIORITY CLAIMED	COUNTRY CODE	PCT/FOREIGN APPLICATION SERIAL NUMBER	FOREIGN FILING DATE MONTH	DAY	YEAR
N					

08158033_112693

08/158033

APPROVED FOR LICENSE ☐

DEC 14 9336

INITIALS

CONTENTS

Date Entered or Counted			Date Received or Mailed
	1.	Application Pmts papers.	RECEIVED JAN 04 1994 GROUP 2300
	2.	Oath 3 mos	4-5-94
4-1	3.	Letter Pwr Atty	10-11-94 CIM
	4.	Request X Line del 2 mos	10-11-94 10-5-94
	5.	Small Ent + Dep Acct	10-11-94
12-22	6.	Notice of Allowance	12-22-94
MAY - 9 1995	7.	Notice of Outstanding Drawing Requirement	MAY - 9 1995
MAY 24 1995	8.	Formal Drawings 2 sheets 1 w/EXT. of Time (2mo)	5.19.95
	9.	PTO GRANT AUG 15 1995	
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